



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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DA No. 17-673

Friday July 14, 2017

Report No. SAT-01253

Satellite Policy Branch Information Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-AMD-20161114-00107 E S2946 Spire Global, Inc.
Amendment
Granted in Part/ Deferred in Part Effective Date: 07/13/2017

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service, Other

On July 13, 2017, the Satellite Division granted in part and deferred in part, with conditions, the application, as amended, of Spire Global, Inc. Specifically, Spire was authorized to construct, deploy, and operate up to 72 satellites to be deployed at orbital altitudes no greater than 600 km, as part of what Spire describes as Phase IC deployment. The satellites will be used to conduct maritime monitoring and meteorological monitoring operations. The satellites will operate using the 402-403 MHz (Earth-to-space and space-to-Earth) and 449.75-450.25 (Earth-to-space) frequency bands for telemetry, tracking and command and back-up data downlinking (back up data downlinking in 402-403 MHz only), and downlinks in the 2020-2025 MHz (space-to-Earth) and 2200-2290 (space-to-Earth, for 1 MHz bandwidth operations with earth stations outside the United States) frequency bands. The satellites will also receive Automatic Identification System (AIS) and Application Specific Messages (ASM) signals in the 156.7625-156.7875 MHz, 156.8125-156.8375 MHz (space-to-Earth) and 161.9625-161.9875 MHz, 162.0125-162.0375 MHz, 161.9375-161.9625 MHz and 161.9875-162.0125 MHz (Earth-to-space) frequency bands, Automatic Dependent Surveillance-Broadcast (ADS-B) signals in the 1087.7-1092.3 MHz (Earth-to-space) frequency bands, and GPS signals centered at 1575.42 MHz and 1227.60 MHz (space-to-Earth) frequency bands. Action was deferred on the remainder of Spire's application, as amended.

SAT-PDR-20170411-00063 E S3013 Spectrum Five LLC
Petition for Declaratory Ruling
Grant of Authority Effective Date: 07/13/2017

Nature of Service: Other

On July 13, 2017, the Satellite Division granted, with conditions, the request of Spectrum Five LLC, to access the U.S. market to provide 17/24 GHz Broadcast-Satellite Service using the proposed BSSNET2A-95W space station. The BSSNET2A-95W space station will operate under the authority of the Netherlands at the 95.15° W.L. orbital location. The BSSNET2A-95W space station will operate using the 17.3-17.7 GHz (space-to-Earth) and 24.75-25.15 GHz (Earth-to-space) frequency bands and will conduct telemetry, tracking, and command operations at the edges of those same frequencies.

SAT-STA-20170626-00101 E S2368 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Effective Date: 07/13/2017

On July 13, 2017, the Satellite Division granted, with conditions, special temporary authority to Intelsat License LLC for a period of 30 days to continue to provide fixed-satellite service via Intelsat 1R at the 169.2° E.L. orbital location in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 10950-11200 MHz (space-to-Earth), 11450-11950 MHz (space-to-Earth), and 13750-14500 MHz (Earth-to-space) frequency bands. Intelsat was also granted special temporary authority for a period of 30 days to continue to conduct telemetry, tracking, and command operations necessary to maintain Intelsat 1R at 169.2° E.L. using the following center frequencies: 13995 MHz (Earth-to-space), 14498.5 MHz (Earth-to-space), 11696 MHz (space-to-Earth) and 11697 MHz (space-to-Earth).

INFORMATIVE

SAT-PPL-20160126-00007 S2951 SES Satellites (Gibraltar) Limited

The Satellite Division has determined that SES Satellites (Gibraltar) Ltd. has met the Contract Execution, Critical Design Review, and Commence Construction milestones associated with its grant of market access for the SES-15 space station to be located at the 129.15° W.L. orbital location (call sign S2951), and may reduce the bond amount by \$2,250,000, as provided in the Amendment of the Commission's Space Station Licensing Rules and Policies, First Report and Order and Further Notice of Proposed Rulemaking, IB Docket No. 02-34, 18 FCC Rcd 10760 (2003); Amendment of the Commission's Space Station Licensing Rules and Policies, First Order on Reconsideration and Fifth Report and Order, IB Docket No. 02-34, 19 FCC Rcd 12637 (2004). Accordingly, SES may reduce its bond to a value of \$750,000.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.